



September 21, 2015

(b) (6)

Location Code: A014

(b) (6), (b)

Cedar Hill, NM

Dear Resident:

Thank you for participating in the Private Water Well Sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the New Mexico Environment Department (NMED) during the week of August 19th, 2015.

A sample of your well water was analyzed by an EPA certified laboratory for contaminants of concern. The test results for your well water are below the National Drinking Water Standards, otherwise known as Maximum Contaminant Levels (MCLs), or the EPA Regional Screening Levels (RSL) for childhood ingestion of tapwater. The results of your analysis are provided in the enclosed table. The enclosed table also includes the MCLs, set by the EPA for public water supplies, and also the RSLs. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the standards with the concentrations found in your well water.

If you have questions regarding these test results, please contact Miriam Wamsley (505) 841-5894 with the New Mexico Department of Health or Melanie Sandoval (505) 222-9574 with NMED.

If you have any health related concerns or questions, please contact the State of New Mexico Health Department at (505) 827-0006. You can also contact the New Mexico Poison Control Center at 1-(800) 222-1222. Both of these phone lines are answered 24 hours per day.

Sincerely,

A handwritten signature in black ink, reading "Mark Hayes".

Mark Hayes
US EPA Region 6, Incident Commander

A handwritten signature in blue ink, reading "Thomas Skibitski".

Thomas Skibitski
NMED Emergency Response Operations Chief

Enclosure: Table Private Well Sampling Results



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Mark Hayes
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Thomas Skibitski
NMED Emergency Response Operations Chief

Enclosure: Table Private Well Sampling Results

*Copy for reference
Not sent
from Durango*

Below are your private well data. The results of your data can be compared to the National Drinking Water Standards or Maximum Contaminant Levels (MCL) and EPA specific risk-based drinking water levels or Regional Screening Levels (RSL) provided.

Analyte	Station ID Sample ID Sample Date Sample Time Latitude Longitude				A014 TA-A014-150915-21 9/15/2015 10:11 (b) (6), (b) (7)(C)
	CAS No	Units	RSL	MCL	
Metals, Dissolved					
Aluminum, Dissolved	7429-90-5	ug/L	20000		24 U
Antimony, Dissolved	7440-36-0	ug/L		6	0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		10	0.37 U
Barium, Dissolved	7440-39-3	ug/L			44
Beryllium, Dissolved	7440-41-7	ug/L		2000	0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		4	0.5 UB
Calcium, Dissolved	7440-70-2	ug/L			100000
Chromium, Dissolved	7440-47-3	ug/L		100	1 U
Cobalt, Dissolved	7440-48-4	ug/L		6	0.15 J
Copper, Dissolved	7440-50-8	ug/L		1300	7.7 J
Iron, Dissolved	7439-89-6	ug/L	14000		17 U
Lead, Dissolved	7439-92-1	ug/L		15	0.47
Magnesium, Dissolved	7439-95-4	ug/L			16000
Manganese, Dissolved	7439-96-5	ug/L	480		1.2 U
Mercury, Dissolved	7439-97-6	ug/L		2	0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L	100		1.8
Nickel, Dissolved	7440-02-0	ug/L	400		2 J
Potassium, Dissolved	7440-09-7	ug/L			2800
Selenium, Dissolved	7782-49-2	ug/L		50	0.58 U
Silver, Dissolved	7440-22-4	ug/L	100		0.1 U
Sodium, Dissolved	7440-23-5	ug/L			18000
Thallium, Dissolved	7440-28-0	ug/L		2	0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		0.3 U
Zinc, Dissolved	7440-66-6	ug/L	6000		5.7 J
Metals, Total					
Aluminum, Total	7429-90-5	ug/L	20000		24 U
Antimony, Total	7440-36-0	ug/L		6	0.4 U
Arsenic, Total	7440-38-2	ug/L		10	0.37 U
Barium, Total	7440-39-3	ug/L			42
Beryllium, Total	7440-41-7	ug/L		2000	0.15 U
Cadmium, Total	7440-43-9	ug/L		4	0.5 UB
Calcium, Total	7440-70-2	ug/L			100000
Chromium, Total	7440-47-3	ug/L		100	1 U
Cobalt, Total	7440-48-4	ug/L		6	0.12 J
Copper, Total	7440-50-8	ug/L		1300	6.3 J
Iron, Total	7439-89-6	ug/L	14000		17 U
Lead, Total	7439-92-1	ug/L		15	0.47
Magnesium, Total	7439-95-4	ug/L			16000
Manganese, Total	7439-96-5	ug/L	480		1.2 U
Mercury, Total	7439-97-6	ug/L		2	0.08 U
Molybdenum, Total	7439-98-7	ug/L	100		1.8
Nickel, Total	7440-02-0	ug/L	400		0.87 J
Potassium, Total	7440-09-7	ug/L			2800
Selenium, Total	7782-49-2	ug/L		50	0.58 U
Silver, Total	7440-22-4	ug/L	100		0.1 U
Sodium, Total	7440-23-5	ug/L			18000
Thallium, Total	7440-28-0	ug/L		2	0.1 U
Vanadium, Total	7440-62-2	ug/L	100		0.3 U
Zinc, Total	7440-66-6	ug/L	6000		3.6 J
General					
Alkalinity	STL00171	mg/L			230
Chloride	16887-00-6	mg/L			15
Fluoride	16984-48-8	mg/L			0.49
Nitrate as N	14797-55-8	mg/L			0.089
Sulfate	14808-79-8	mg/L			100
Total Hardness	STL00009	mg/L			320

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL, but greater than or equal to the MDL, and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable.

* = The result exceeds maximum contaminant level.

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/l.

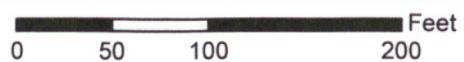
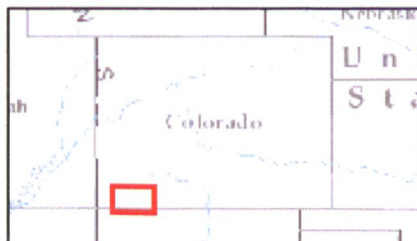
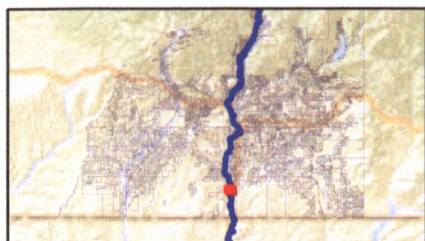
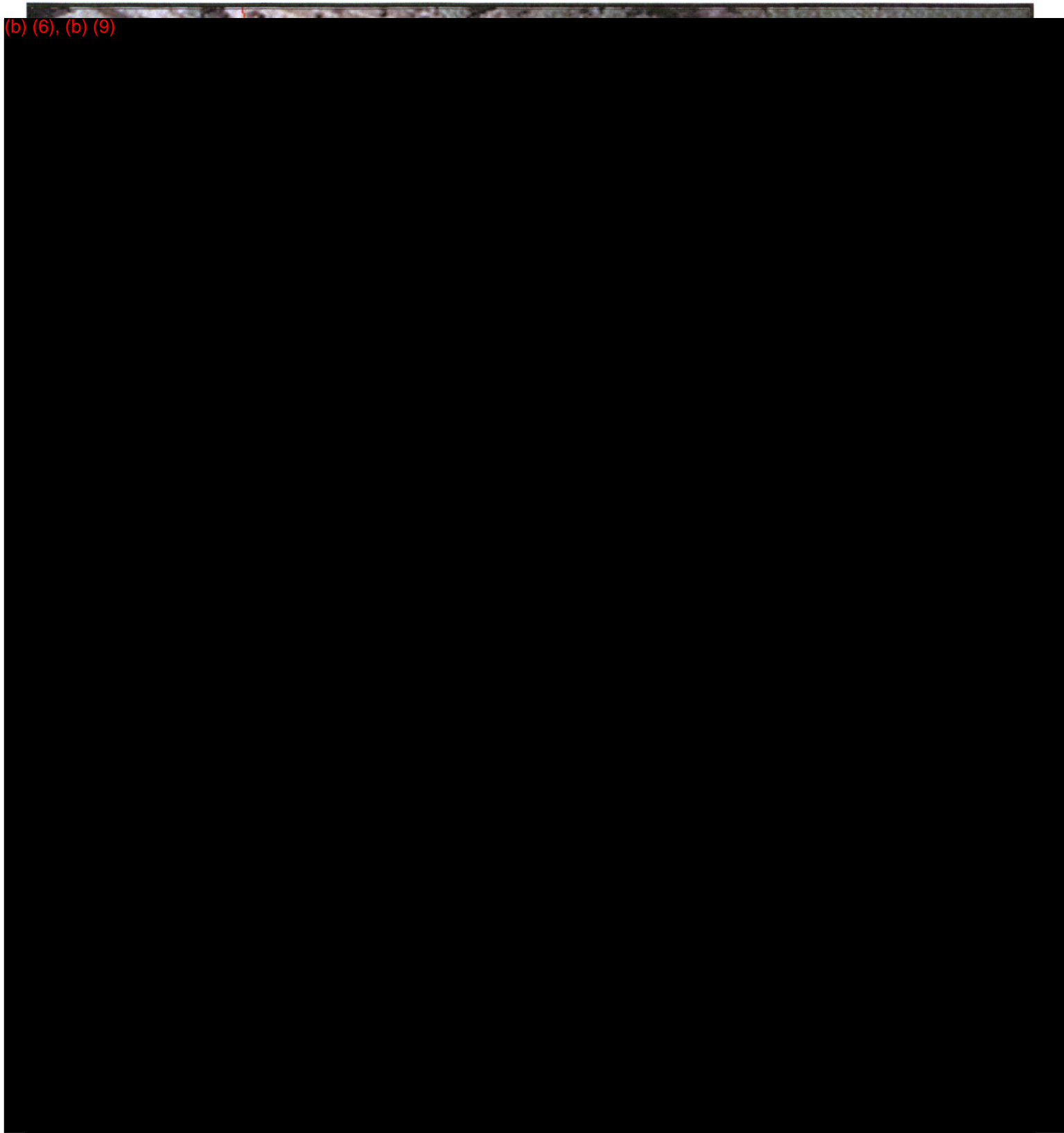
ug/l - Parts per billion (micrograms per liter).

Highlighted Yellow: indicates result exceeded Screening Value

Water Sample ID: GKMTW111



(b) (6), (b) (9)



- Well Location
- Parcel Boundary



1:1,200

1 inch = 100 feet

Map Created: 9/11/2015

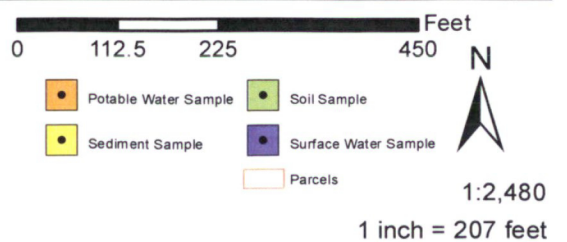
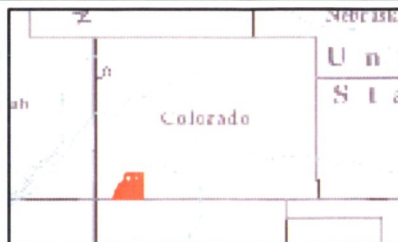
Property ID: GKMTW111

(b) (6)



(b) (6)

(b) (6), (b) (9)



Analyte	Location ID Sample ID Sample Date Sample time Latitude Longitude					GKMTW111 GKMTW111_081215 8/12/2015 12:15 (b) (6), (b) (9)
						Sub Location
Metals, Total	CAS NO	Units	Colorado Water Standard	EPA MCL	Lab Result	
Aluminum A,B	7429-90-5	ug/L	5000	200	24 U	
Antimony	7440-36-0	ug/L	6	6	0.4 U	
Arsenic	7440-38-2	ug/L	10	10	0.91 J	
Barium	7440-39-3	ug/L	2000	2000	42	
Beryllium	7440-41-7	ug/L	4	4	0.15 U	
Cadmium	7440-43-9	ug/L	5	5	0.13	
Calcium	7440-70-2	ug/L			30000	
Chromium	7440-47-3	ug/L	100	100	1 U	
Cobalt A	7440-48-4	ug/L	50		0.12 U	
Copper A	7440-50-8	ug/L	200	1300	5.8	
Iron A,B	7439-89-6	ug/L	5000	300	17 U	
Lead A	7439-92-1	ug/L	100	15	0.06 U	
Magnesium	7439-95-4	ug/L			3700	
Manganese A,B	7439-96-5	ug/L	200	50	1.2 U	
Mercury	7439-97-6	ug/L	2	2	0.08 U	
Molybdenum	7439-98-7	ug/L			4.8	
Nickel A	7440-02-0	ug/L	200		0.7 J	
Potassium	7440-09-7	ug/L			1200	
Selenium	7782-49-2	ug/L	50	50	7.1	
Silver B	7440-22-4	ug/L		100	0.1 U	
Sodium	7440-23-5	ug/L			150000	
Thallium	7440-28-0	ug/L	2	2	0.1 U	
Vanadium A	7440-62-2	ug/L	100		0.3 U	
Zinc A,B	7440-66-6	ug/L	2000	5000	8.4 J	

A- CDPHE Agricultural Standards (Jan. 2013)

B- EPA Secondary MCL (May 2009)

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value